

FIG. 1

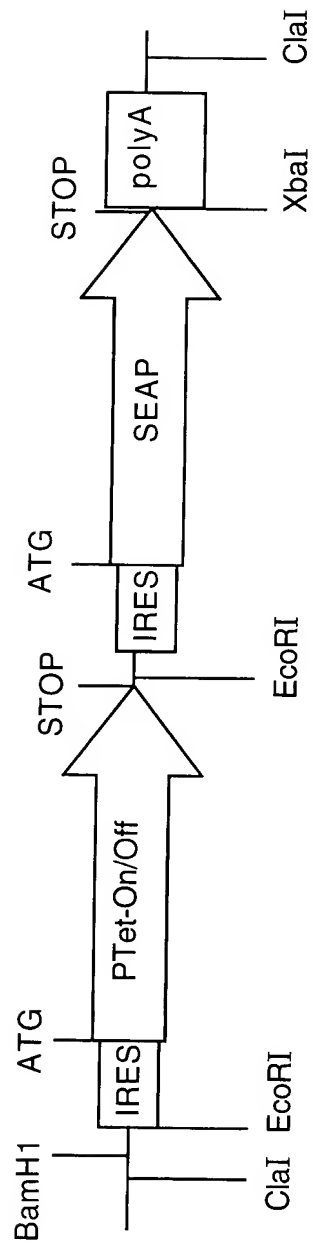


FIG. 2

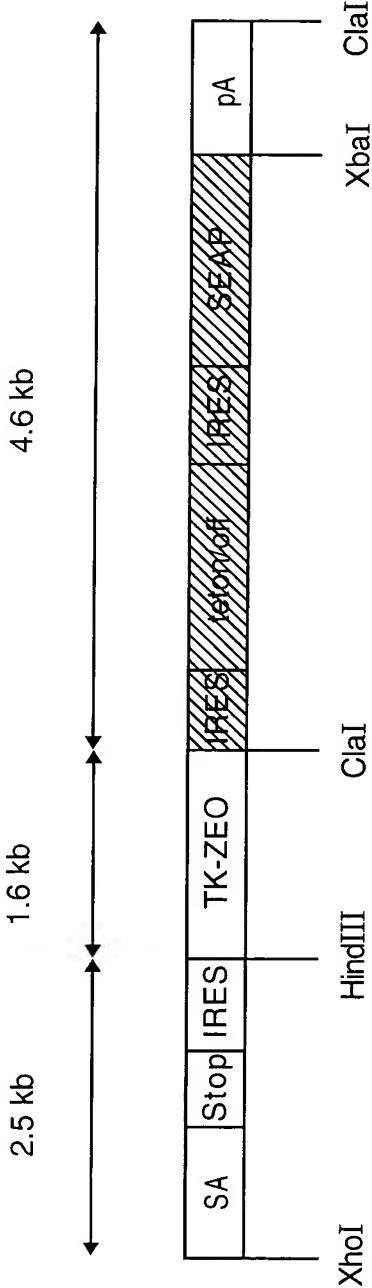


FIG. 3

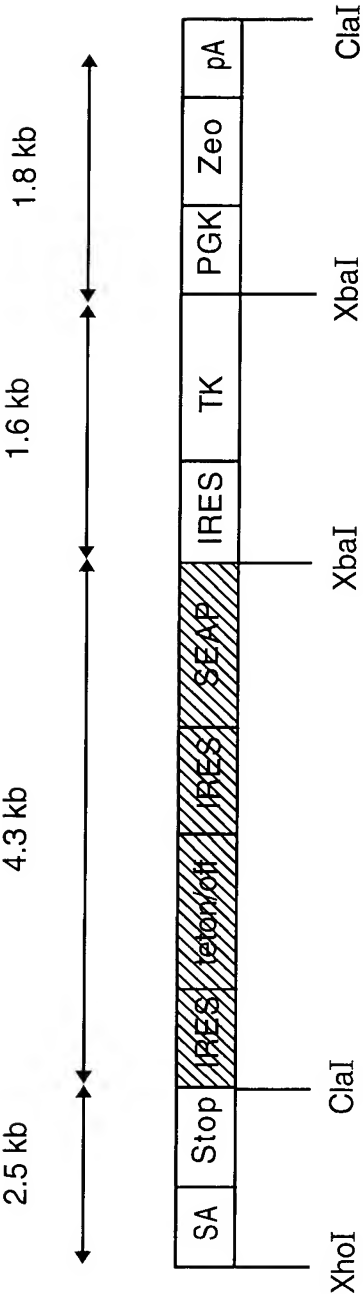


FIG. 4

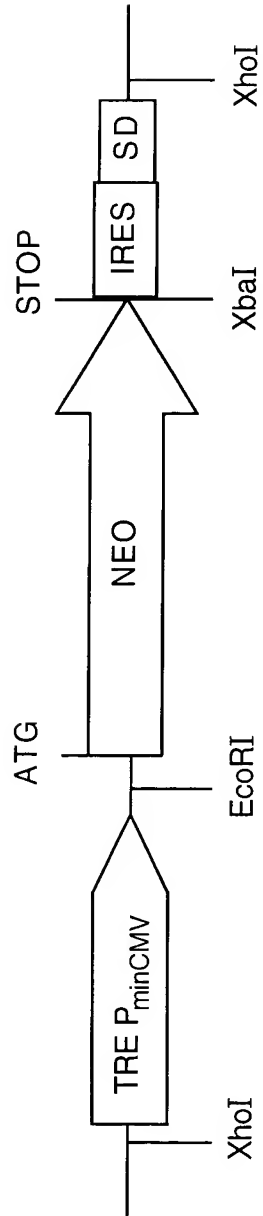


FIG. 5

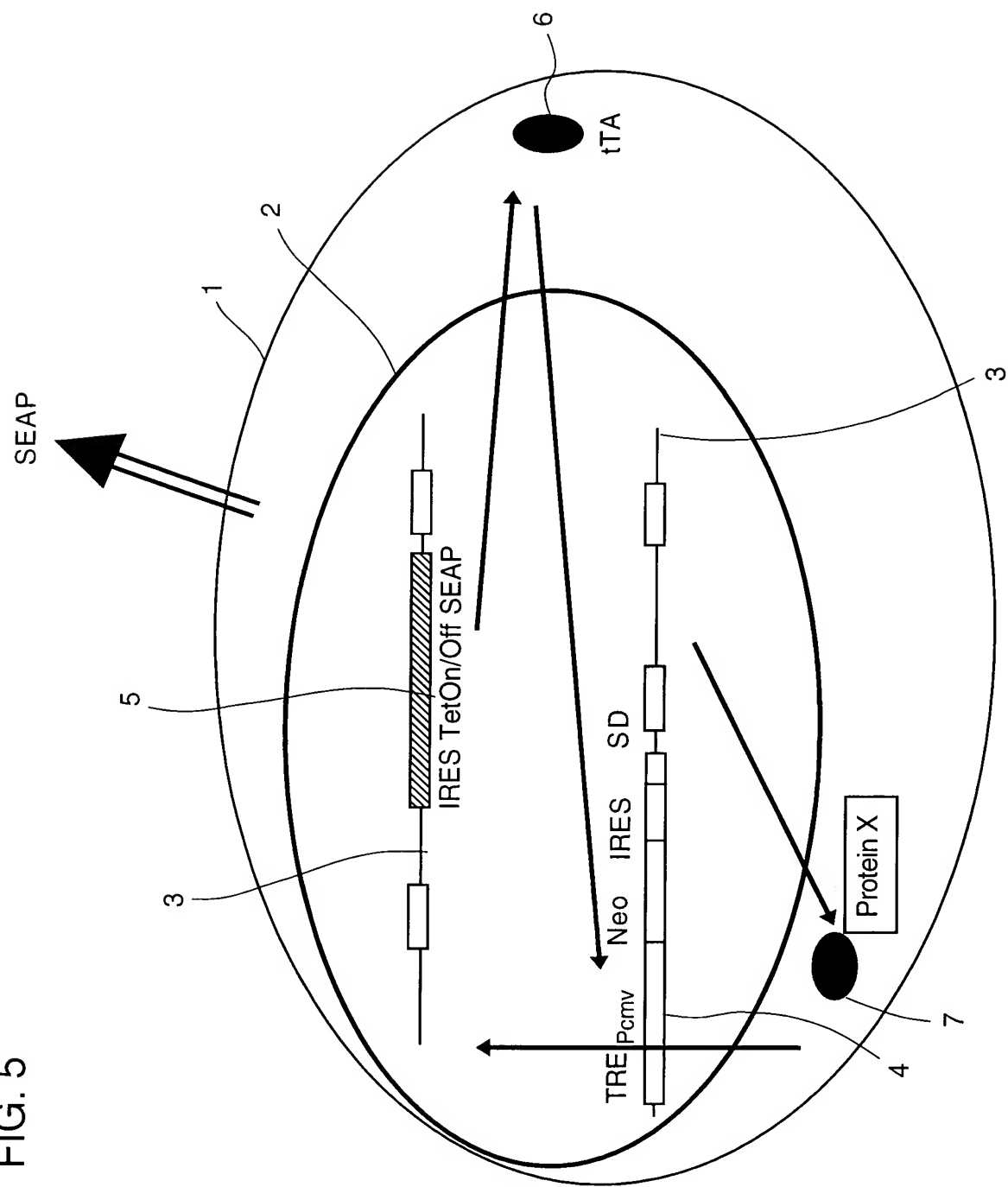


FIG. 6

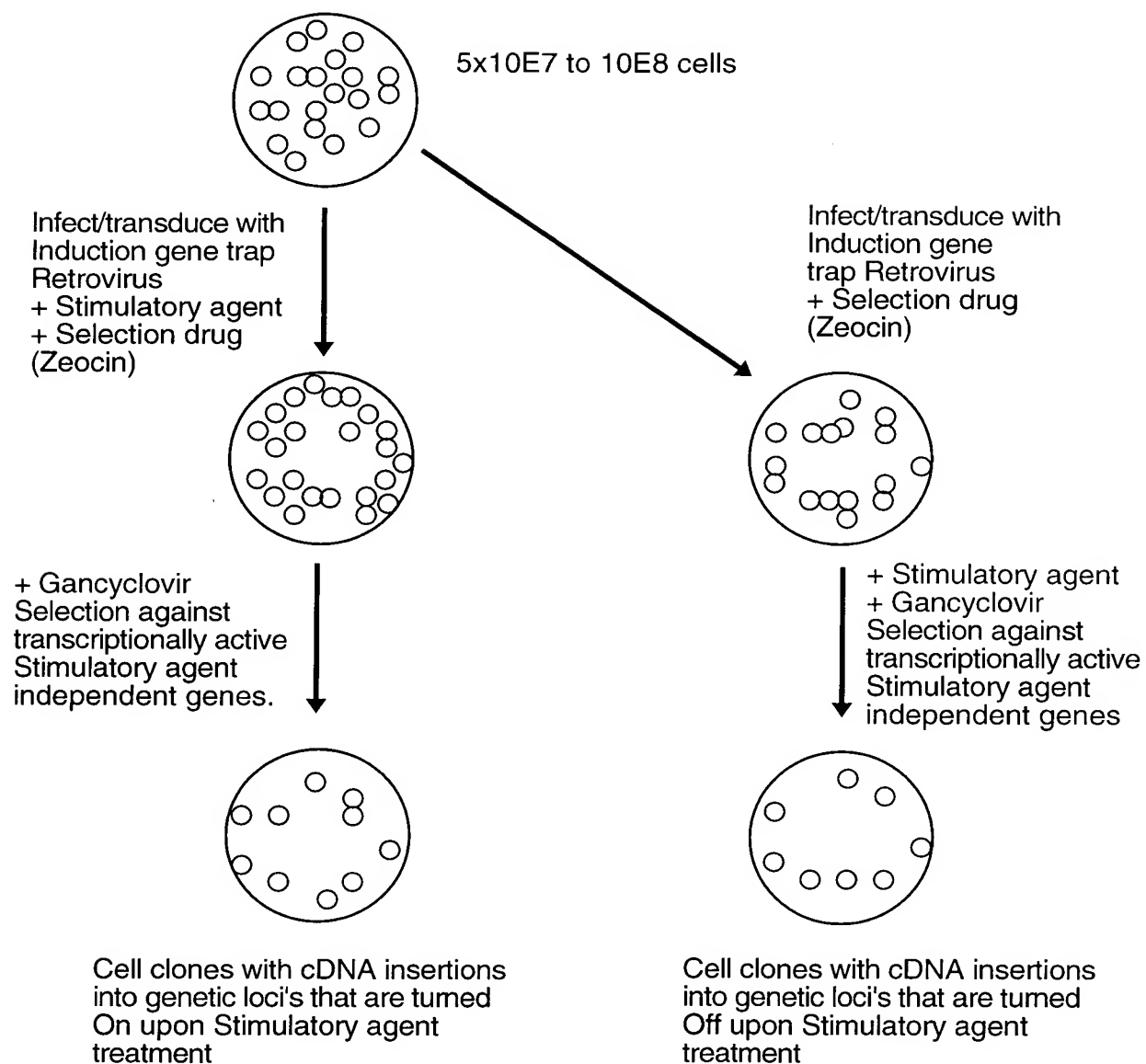


FIG. 7

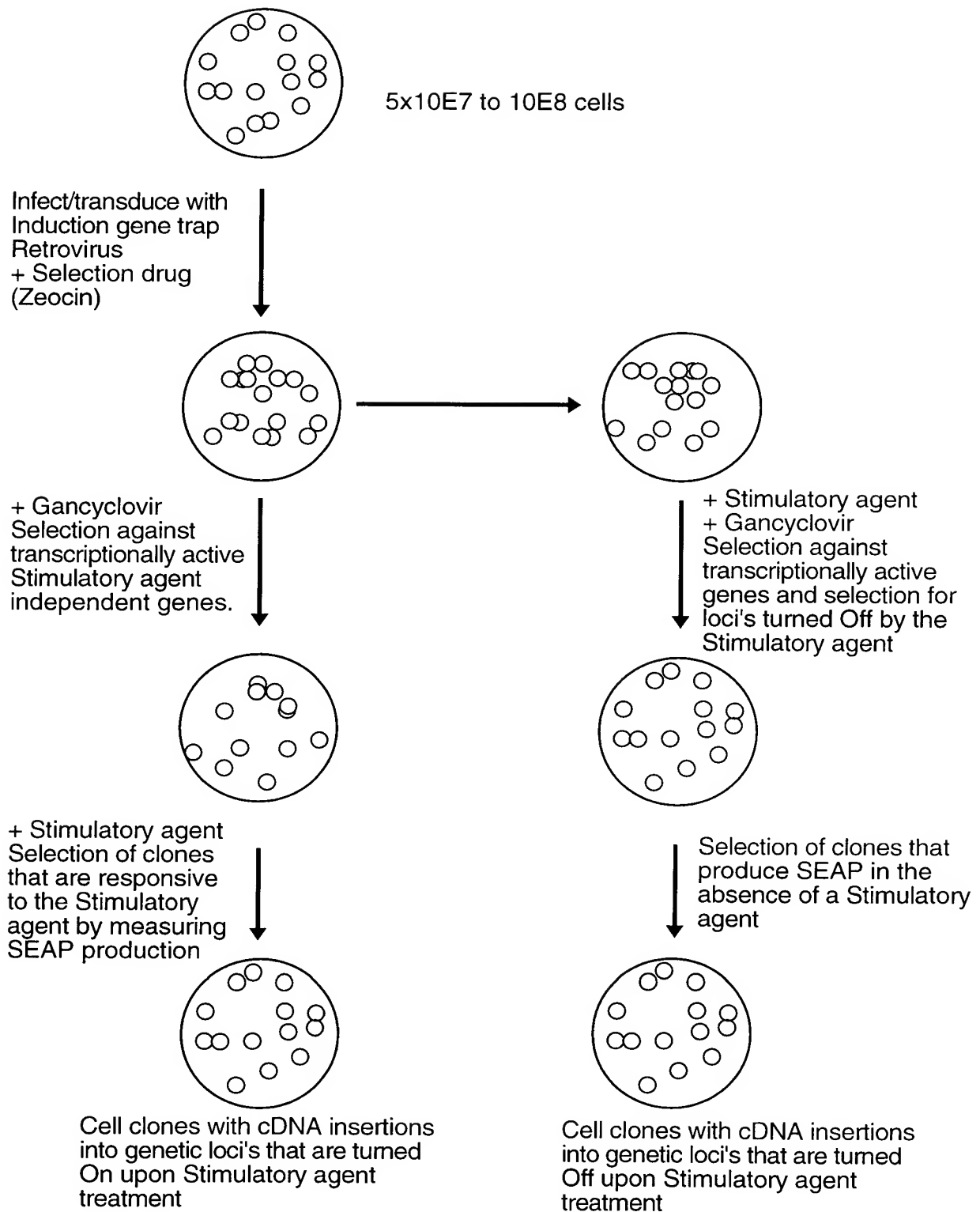


FIG. 8A

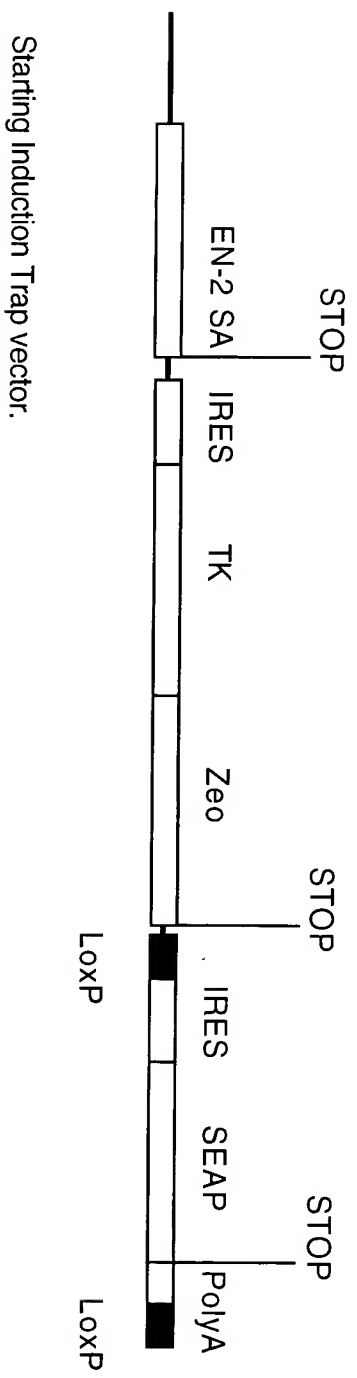


FIG. 8B

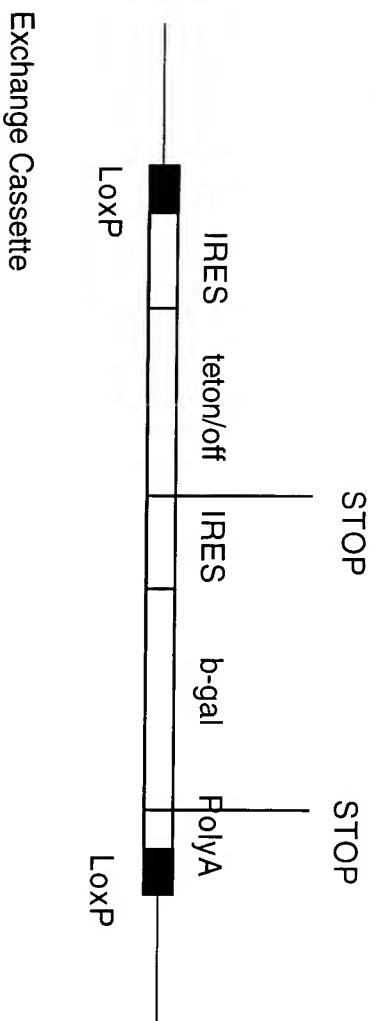




FIG. 9A

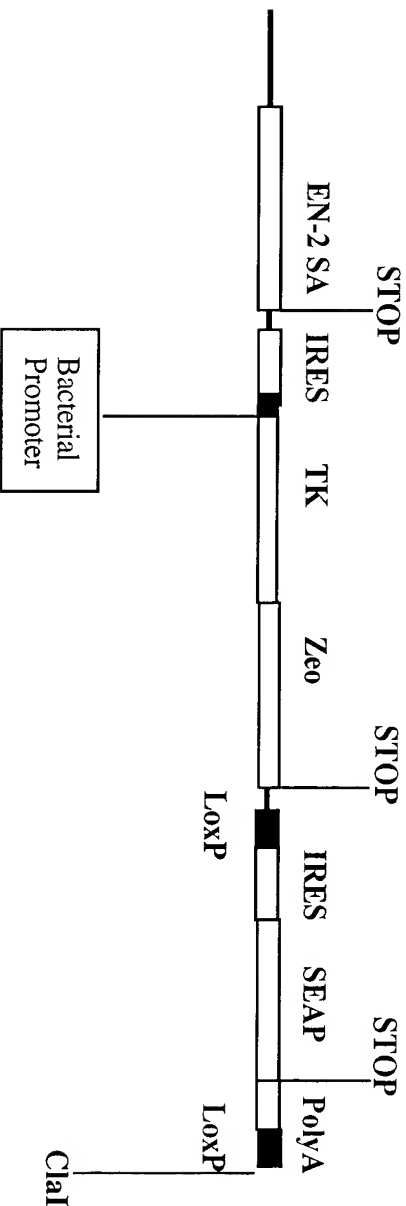


FIG. 9B

(SEQ ID NO: 5)

CACGTCGTTGACCAATTAATCACTCGGCATACCTATATCTCGCATAGCTATAATCGA
-35a -35b -10a -10b
RBS
CTCACTATAGGAGGGC
T7 promoter

FIG. 10

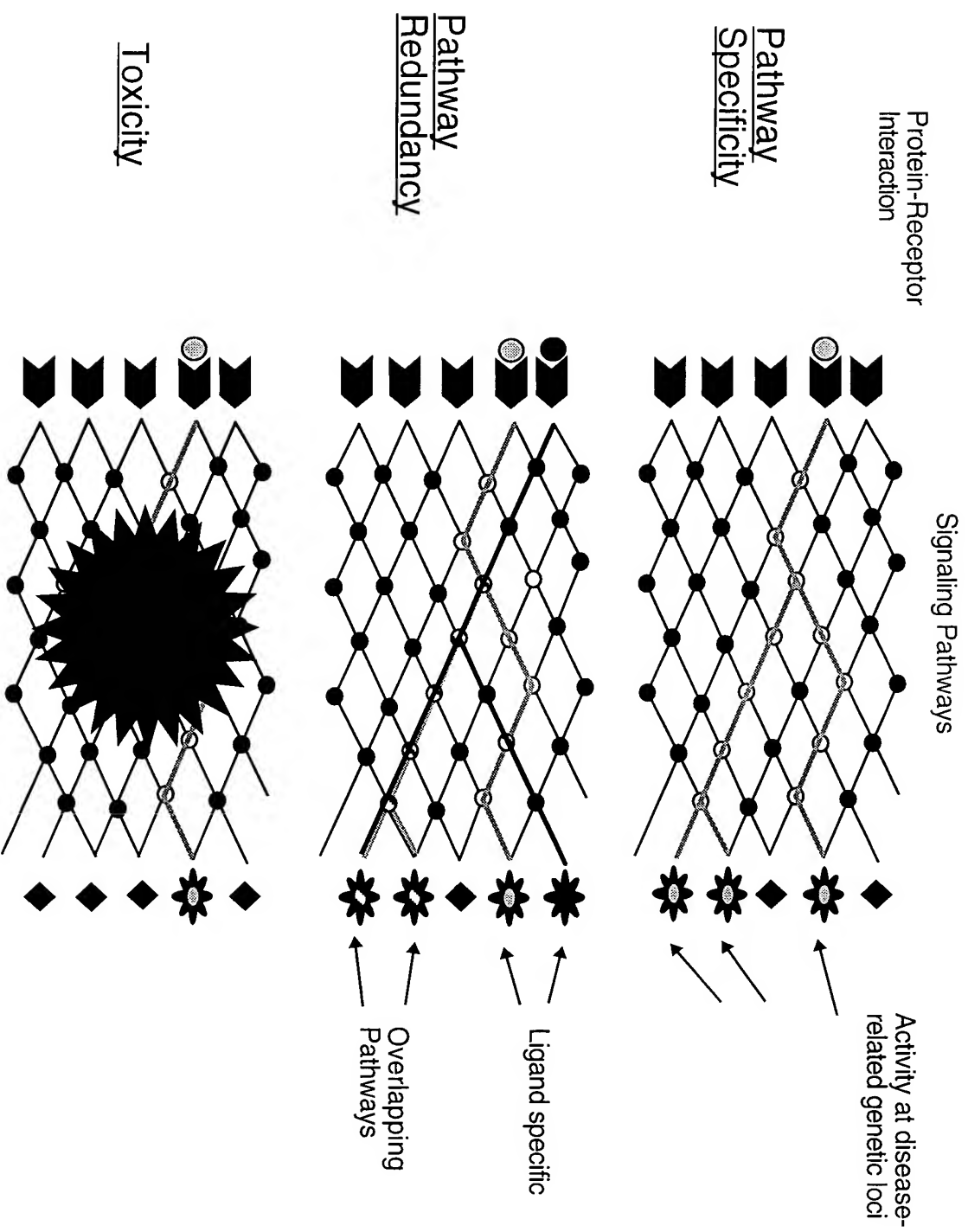


FIG. 11

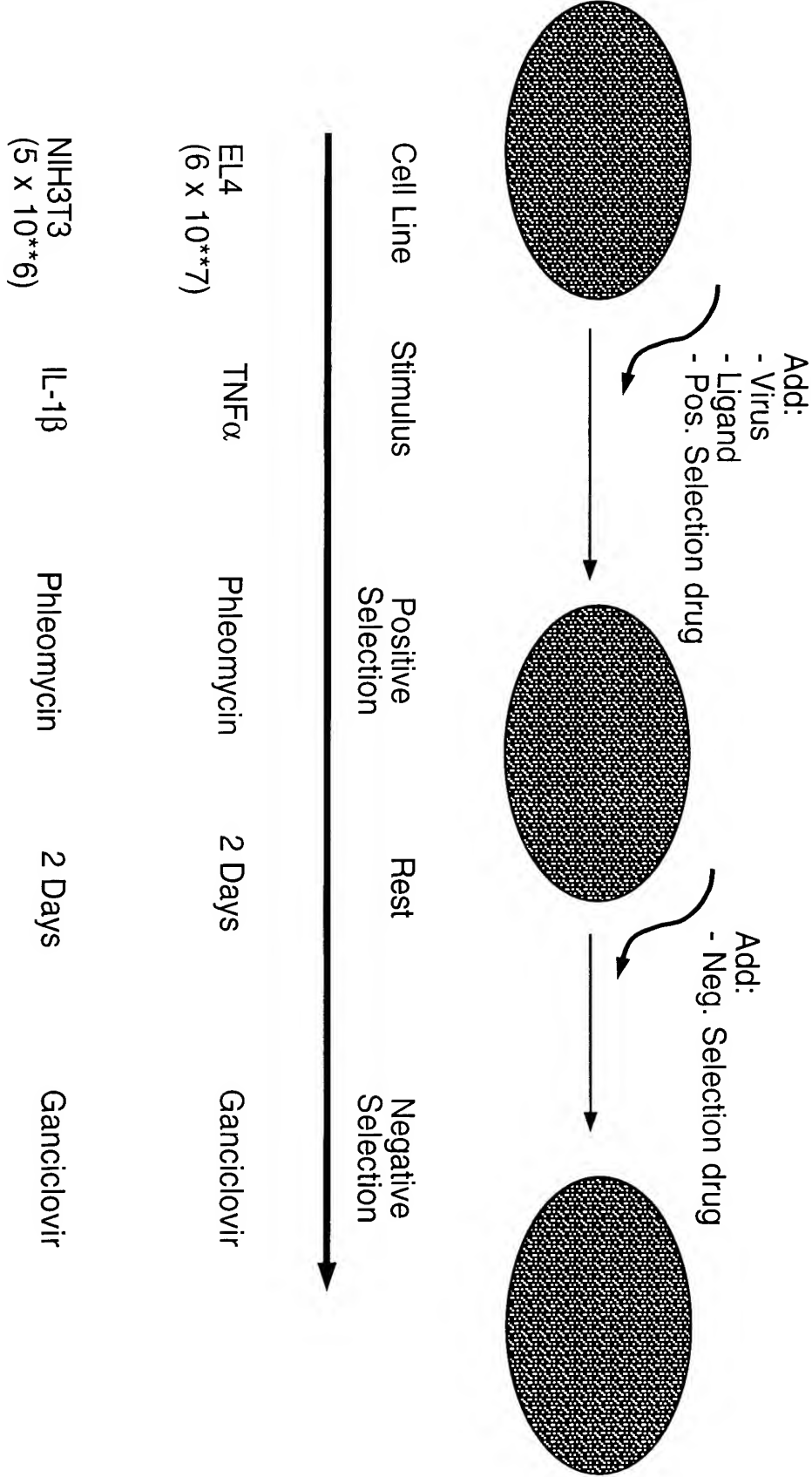
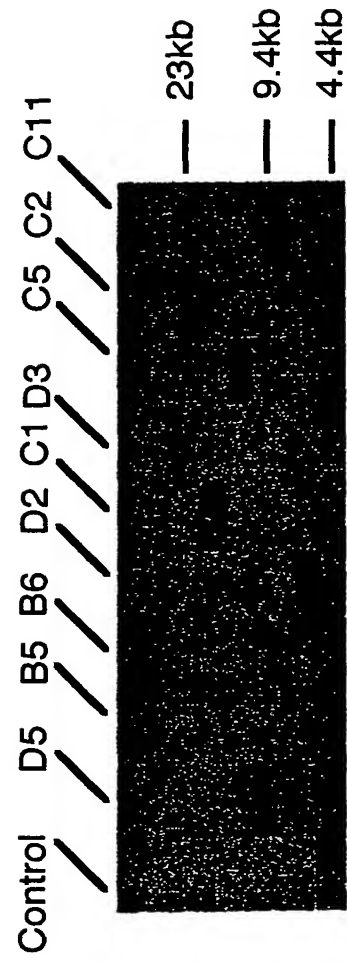


FIG. 12A

Sentinel Library	Stimulus	Positive Selection	#Clones	#Clones Inducible SEAP
NIH3T3 IL-1 β (5 x 10 ^{**6})	IL-1 β	Phleomycin	22	12
EL4 TNF α (6 x 10 ^{**7})	TNF α	Phleomycin	183	31
EL4 TNF α	SDF-1	Phleomycin	18	7

FIG. 12B



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FIG. 13A

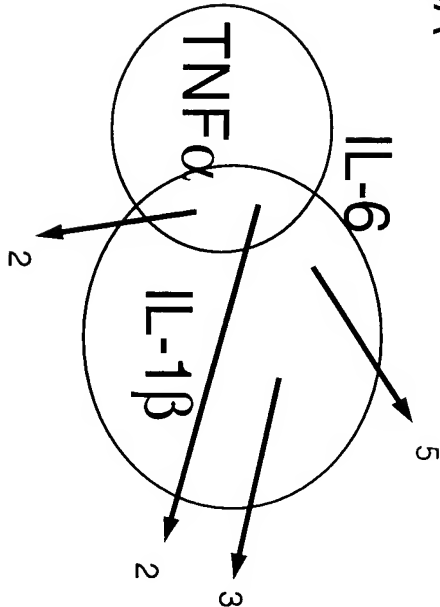


FIG. 13B

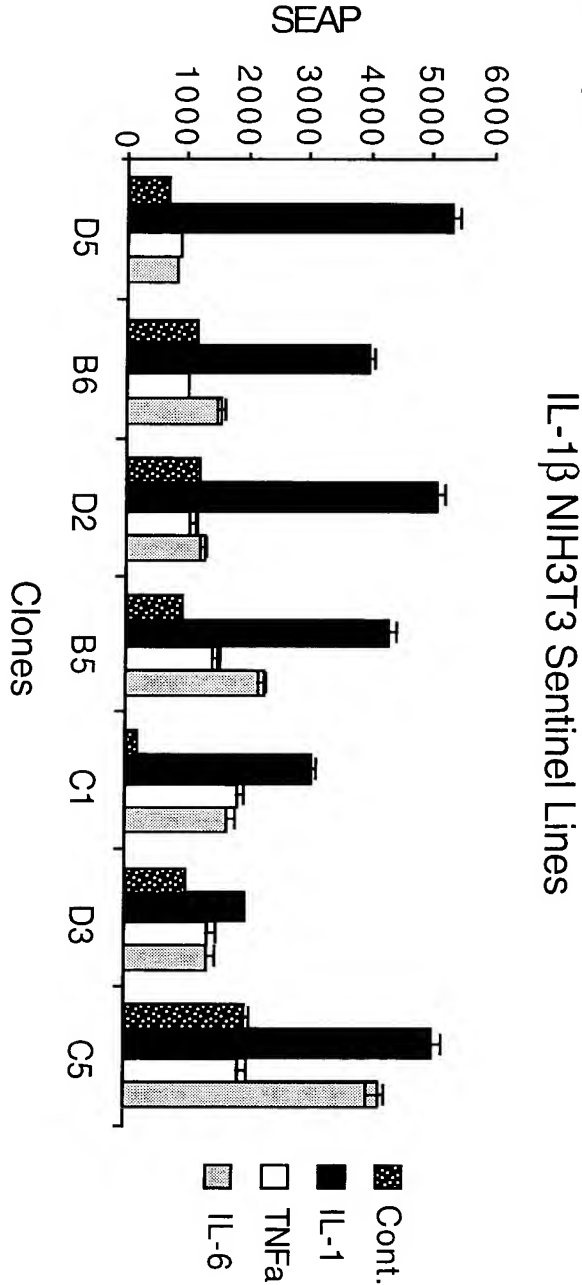


FIG. 14A

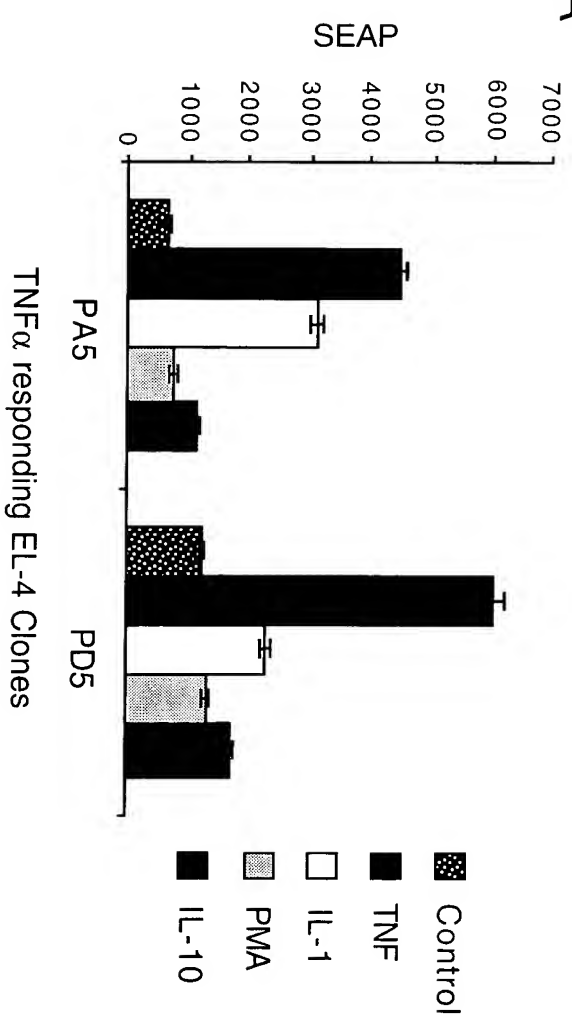


FIG. 14B

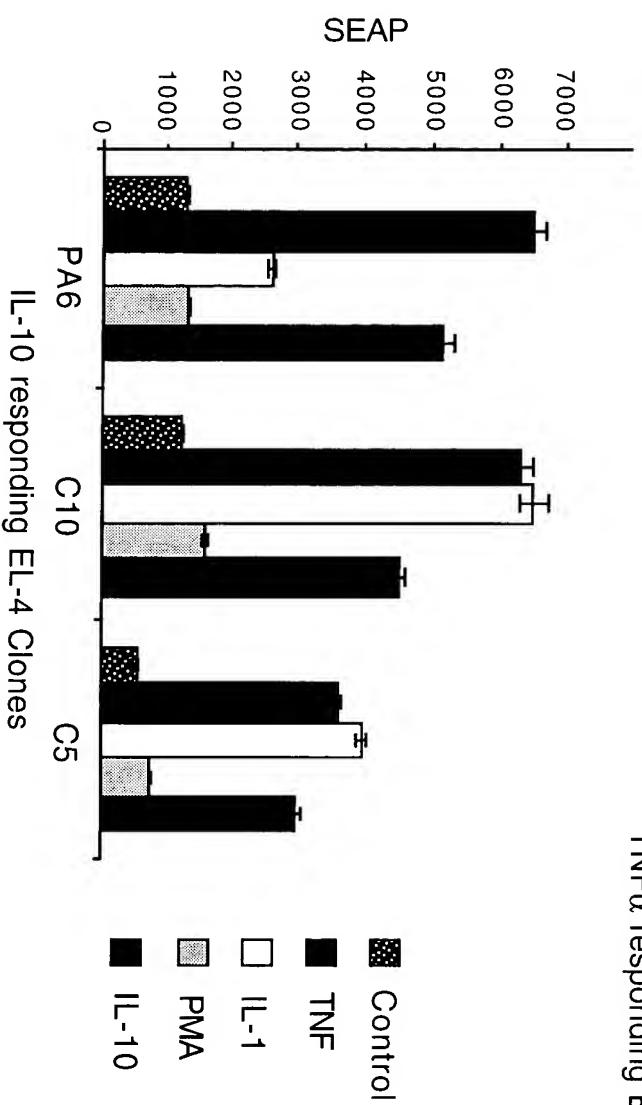


FIG. 14C

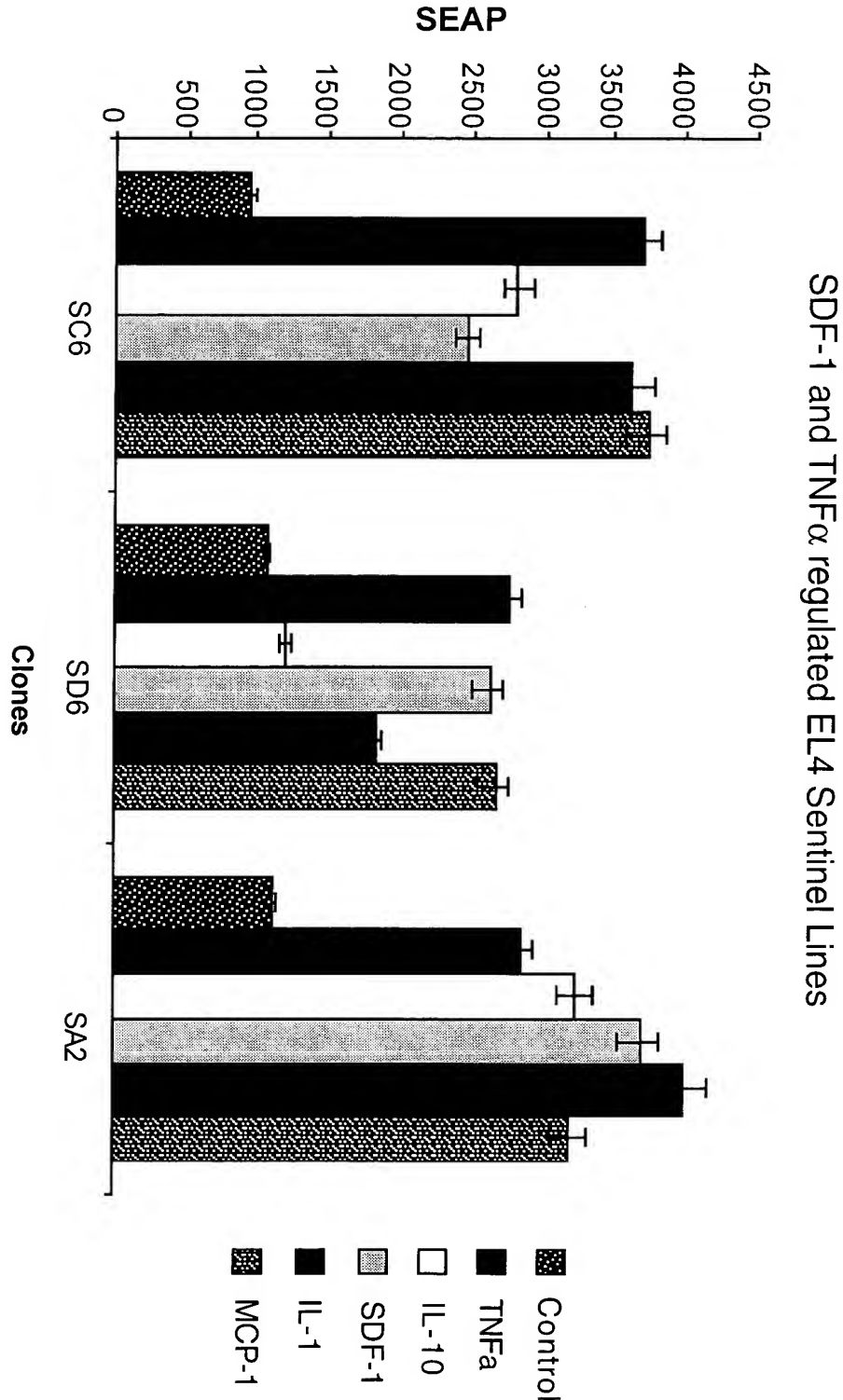


FIG. 15

Effect of Celecoxib on IL-1 β
response of NIH3T3 Sentinel Lines

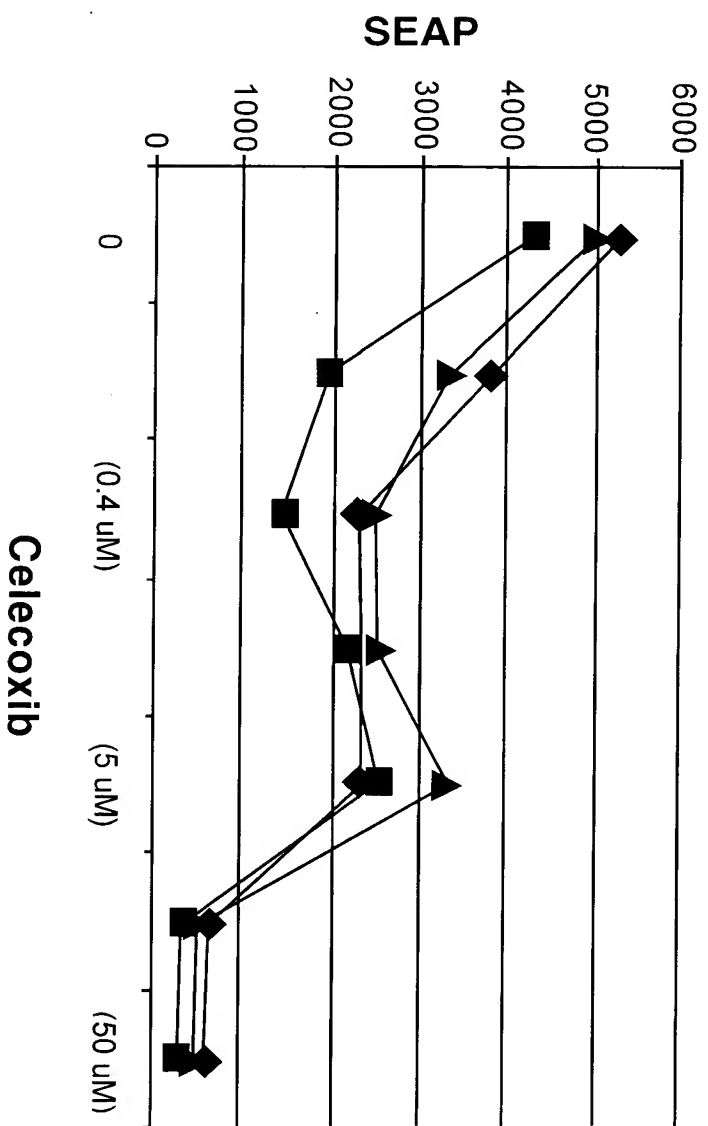


FIG. 16

Effect of COX-2 inhibitor Celecoxib on TNF α
response of EL-4 Sentinel Lines

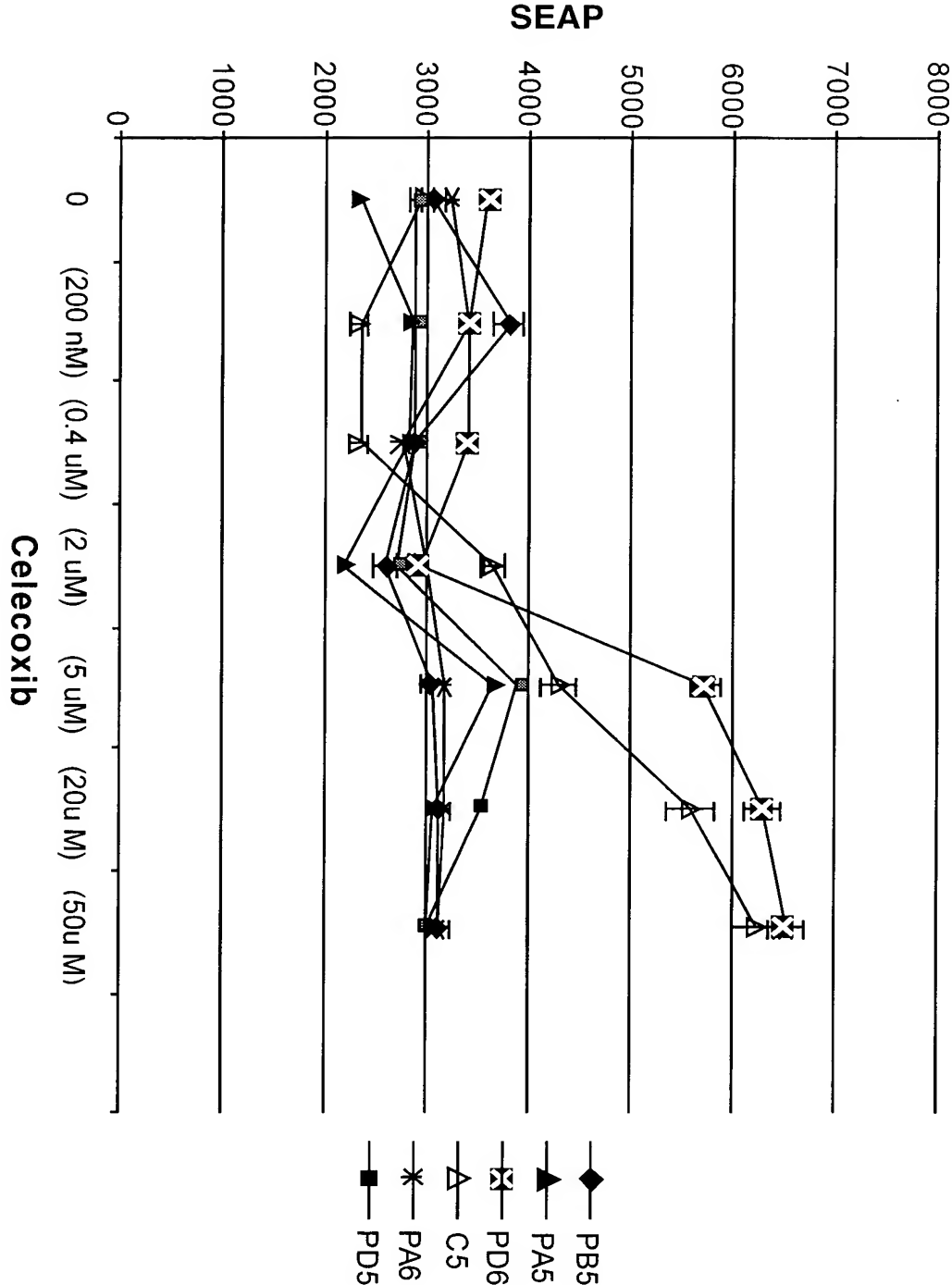


FIG. 17A

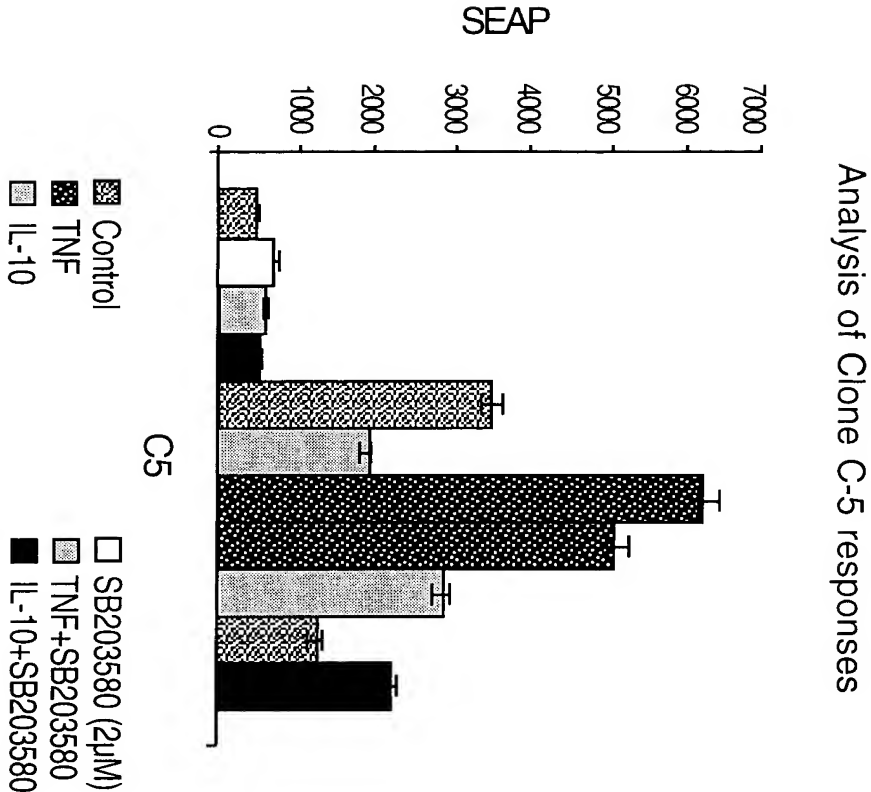


FIG. 17B

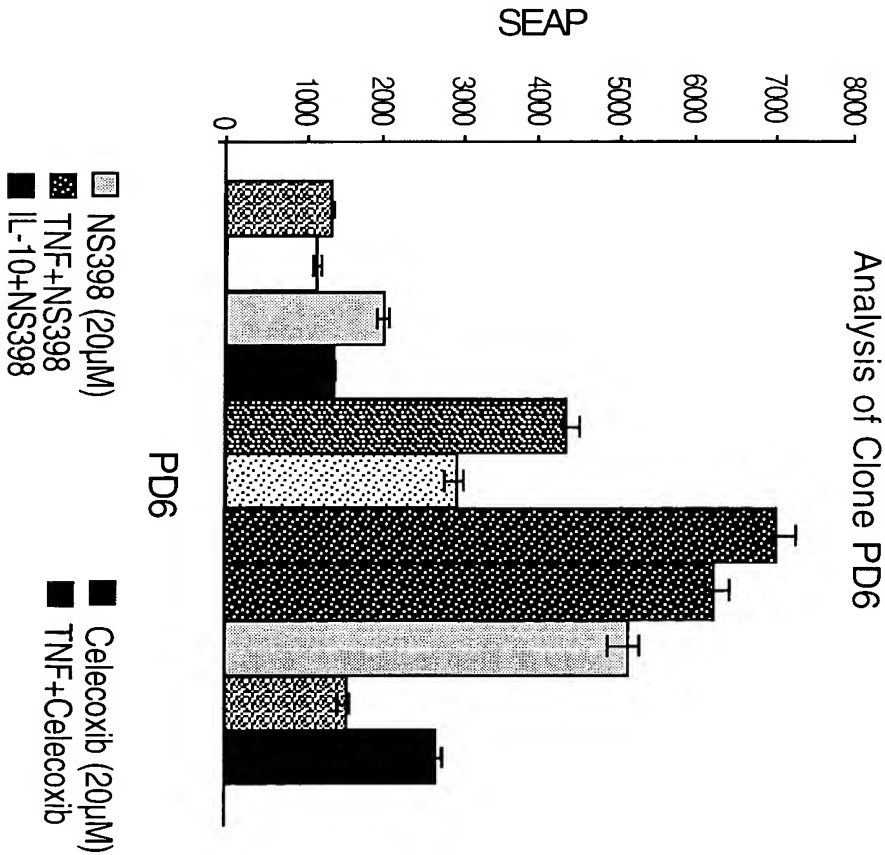


FIG. 18A

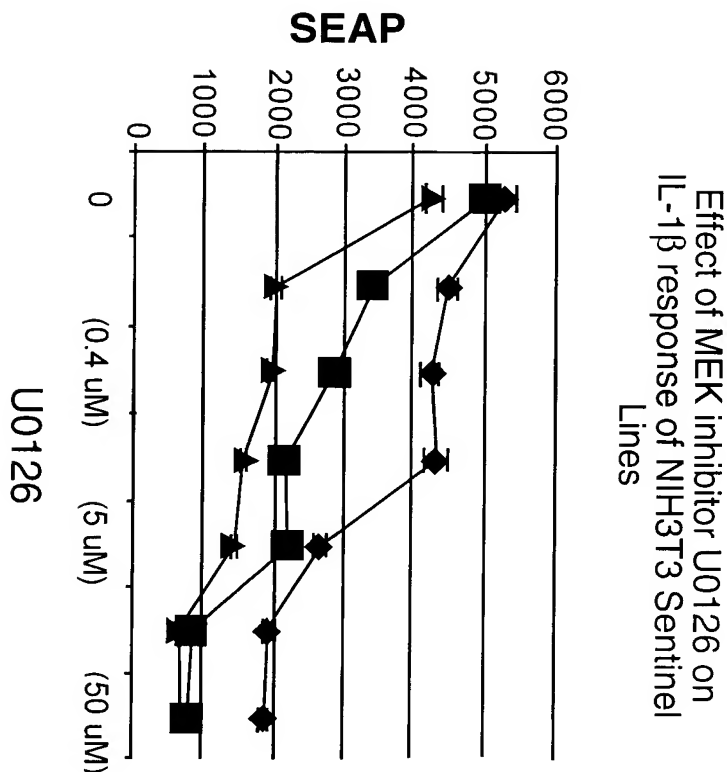


FIG. 18B

